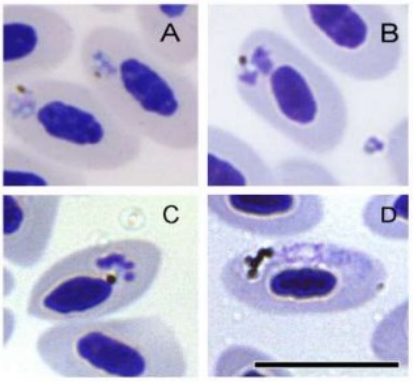
Plasmodium (Novyella) unalis

Mantilla et al, 2013

Taxonomic hierarchy	
Domain	Eukarya
Kingdom	Chromista
Phylum	Apicomplexa
Class	Aconoidasida
Order	Haemosporida
Family	Plasmodiidae
Genus	Plasmodium
Species	*Plasmodium unalis*



Typical stages of *P.unalis* A) trophozoites B-C) Meront D) Microgametocyte; Bar = 10 µm.

Associated hosts	Type host	Additional hosts
Phylum	Chordata	Unknown
Class	Aves	Unknown
Order	Passeriformes	Unknown
Family	Turdidae	Unknown
Species	*Turdus fuscater*	Unknown

Material deposited in GERPH collection					
Collection Number	GERPH:UN227 GERPH:UN06 GERPH:UN23 GERPH:OT967 GERPH:CHII077 Y otros	MalAvi, Linaje	TFUS06	GenBank	KC771248, KC771247 and KF182186
Department	Cundinamarca Risaralda	County	Bogotá, D.C., La Calera Pereira	Altitude	2300– 3100 m. a. s. l.
Geographic distribution	This species has been found only in Colombia.			Specimen material	Blood smear and DNA
Main Characters	*P. unalis* have a single large circular shaped pigment granule in the erythrocytic trophozoites and meronts, a vacuole ana clear globule in trophozoites and growing meronts. Merozoites are predominant fan-like arranged, and meronts usually have in average five merozoites. Gametocytes are elongated.				
Pathology	Unknown		Vectors	Unknown	

Bibliography
Mantilla, J. S., González, A. D., Valkiūnas, G., Moncada, L. I., & Matta, N. E. (2013). Description and molecular characterization of Plasmodium (Novyella) unalis sp. nov. from the Great Thrush (Turdus fuscater) in highland of Colombia. Parasitology research, 112(12), 4193-4204

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